PTO/SB/21 (09-04)

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ATTORNEY'S DOCKET NO.

030906

Sumesh Kaushal



IN RE APPLICATION OF:

Corey M. Crafton et al.

Application Serial No.:

09/987,763

Title:

Nucleotide Sequences for Transcriptional Regulation of Corynebacterium Glutamicum

Confirmation No.

Examiner:

Express Mail mailing label number: EV 662116447 US Date of Deposit: March 8, 2006

7167

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Crafton, Corey M. et al. Applicants:

Examiner: Kaushal, Sumesh

Serial No.:

09/987,763

Art Unit: 1633

Filing Date: November 15, 2001

Entitled:

NUCLEOTIDE SEQUENCES FOR TRANSCRIPTIONAL REGULATION OF

CORYNEBACTERIUM GLUTAMICUM

SUPPLEMENTAL RESPONSE TO FINAL OFFICE ACTION

This response is submitted to supplement the "Response to Second Final Official Action" filed in this case on February 14, 2006. This response includes the Declaration Pursuant to 37 C.F.R. § 1.132 of Ms. Corey Crafton. Ms. Crafton is an inventor of the subject matter claimed in this invention, and is one skilled in the relevant art.

Ms. Crafton's Declaration attests to the utility of the claimed invention, as defined by 35 U.S.C. § 101. Ms. Crafton points out a number of factors that one skilled in the art would consider when deciding if the invention has utility. For example, she notes that the claimed sequence includes a Pribnow Box sequence that has 6 of 7 of the consensus nucleotides. Please note that on page 690 of Devlin, some guanine nucleotides are not clearly seen because they are in a difficult-to-reproduce yellow.

Ms. Crafton confirms the importance of the β -galactosidase assay that has been previously discussed in the applicant's responses. This assay and its associated activity is a clear indicator of utility, and would be recognized immediately as such by one skilled in the art.

Ms. Crafton further attests that the utility of SEQ ID NO:7 and related constructs and sequences is demonstrated by percent identity to a number of reference sequences. These sequences include references to *Corynebacterium*, *E. coli*, and *L. casei*. Finally, Ms. Crafton notes that the length of the claimed nucleotide sequences leads one to believe that they may have promoter utility.

The Declaration of Ms. Crafton, combined with the amendments and arguments made in the February 14, 2006, Response, clearly show that the claimed invention has utility. All claim rejections should be withdrawn, and the claims should be allowed. If the Examiner believes, for any reason, that personal communication will expedite allowance of this application, the Examiner is invited to telephone the undersigned at the number provided.

Respectfully submitted,

Duane A. Stewart III Registration No. 54,468

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Date: March 8, 2006